

# AtgModuleBuilder

## A builder sub-type customized to facilitate building and packaging a single source code module

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## 1. Overview

[Open in Workbench](#)

**AtgModuleBuilder:** A builder sub-type customized to facilitate building and packaging a single source code module

## 2. Design

### Super Type

[AtgBuilder](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>
Notification	<b>false</b>
Template Directory	<code>\${modules.dir}/AtgModuleBuilder/templates</code>
Data View	Children, proximity: <b>1</b>
Logger Name	AtgModuleBuilder

## 3. Constraints

### 3.1. Allowed Child Dependencies

- [AtgAntHome](#) 1
- [AtgAntOpts](#) 1
- [AtgBuildFile](#) 1
- [AtgCvs](#) 1
- [AtgCvsRoot](#) 1
- [AtgCvsRsh](#) 1
- [AtgDynamoRoot](#) 1
- [AtgHome](#) 1
- [AtgJavaHome](#) 1
- [AtgModuleBranch](#) 1
- [AtgModuleLabel](#) 1
- [AtgModuleName](#) 1
- [AtgPath](#) 1
- [AtgTarget](#) 1
- BuilderSetting

1: These types have a *Singleton* constraint. Only one instance may be added as a resource.

### 3.2. Allowed Parent Dependencies

- [AtgModuleUpdater](#)
- Node

### 3.3. Allowed Property Values

Property	Allowed Values	Default	Enforced
deployment-install-root	• <code>\${entity.instan</code>	• <code>\${entity.instan</code>	false

## 4. Attributes

### 4.1. Exported Attributes

Name	Property
targetdir	deployment-install-root

### 4.2. Defaults for Imported Attributes

Name	Default
importMax	1
importMin	1
packageExtension	ear
packageType	AtgEar

## 5. Commands

#### Note:

Commandline options displayed in square brackets "[]" are optional. If an option expects arguments, then angle brackets are shown after the option "<>". Any default value is shown within the brackets.

### 5.1. Build

*run the build cycle*

## Usage

Build -buildstamp <>

### 5.1.1. Workflow

1. repoImport

### 5.1.2. Success Handler

Email	
Subject	[\${context.type}:\${context.name} @ \${framework.node}] \${command.name} - SUCCESS
File	\${modules.dir}/Deployment/templates/notice.html

### 5.1.3. Options

Option	Description
buildstamp	<i>Universally unique build identifier</i>

## 5.2. runBuildScript

*runs the build*

### Usage

runBuildScript -buildstamp <>

### 5.2.1. Options

Option	Description
buildstamp	<i>Universally unique identifier for the build</i>

## 5.3. scmCheckout

*runs the checkout command*

### Usage

scmCheckout [-buildstamp <>]

### 5.3.1. Options

Option	Description
buildstamp	<i>Universally unique build identifier</i>

## 6. Related Types

The following types are defined for use with AtgModuleBuilder.

### 6.1. AtgBuilderSetting

#### 6.1.1. Overview

[Open in Workbench](#)

**AtgBuilderSetting:** *An ATG module builder setting.*

#### 6.1.2. Design

**Super Type**  
Setting

Role	<b>Abstract.</b> (Objects cannot be created.)
Instance Names	<b>Unique</b>

#### 6.1.3. Constraints

##### 6.1.3.1. Allowed Parent Dependencies

- [AtgModuleBuilder](#)

### 6.2. AtgAntHome

#### 6.2.1. Overview

[Open in Workbench](#)

**AtgAntHome:** *The Ant installation directory*

#### 6.2.2. Design

**Super Type**  
[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

#### 6.2.3. Attributes

### 6.2.3.1. Exported Attributes

Name	Property
atgAntHome	settingValue

## 6.3. AtgAntOpts

### 6.3.1. Overview

[Open in Workbench](#)

**AtgAntOpts:** *The Ant ANT\_OPTS setting*

### 6.3.2. Design

**Super Type**

[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

### 6.3.3. Attributes

#### 6.3.3.1. Exported Attributes

Name	Property
atgAntOpts	settingValue

## 6.4. AtgHome

### 6.4.1. Overview

[Open in Workbench](#)

**AtgHome:** *The ATG installation directory*

### 6.4.2. Design

**Super Type**

[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

## 6.4.3. Attributes

### 6.4.3.1. Exported Attributes

Name	Property
atgHome	settingValue

## 6.5. AtgBuildFile

### 6.5.1. Overview

[Open in Workbench](#)

**AtgBuildFile:** *The location of the "top-level" build file relative to a CVS module's root directory*

### 6.5.2. Design

#### Super Type

[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

### 6.5.3. Attributes

#### 6.5.3.1. Exported Attributes

Name	Property
atgBuildFile	settingValue

## 6.6. AtgCvs

### 6.6.1. Overview

[Open in Workbench](#)

**AtgCvs:** *Location of the CVS executable in the system*

### 6.6.2. Design

#### Super Type

[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

**6.6.3. Attributes****6.6.3.1. Exported Attributes**

Name	Property
atgCvs	settingValue

**6.7. AtgCvsRoot****6.7.1. Overview**[Open in Workbench](#)**AtgCvsRoot:** *The value of the CVSROOT environment variable***6.7.2. Design****Super Type**[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

**6.7.3. Attributes****6.7.3.1. Exported Attributes**

Name	Property
atgCvsRoot	settingValue

**6.8. AtgCvsRsh****6.8.1. Overview**[Open in Workbench](#)**AtgCvsRsh:** *The location of the program for CVS to use for remote connectivity*

## 6.8.2. Design

### Super Type

[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

## 6.8.3. Attributes

### 6.8.3.1. Exported Attributes

Name	Property
atgCvsRsh	settingValue

## 6.9. AtgDynamoRoot

### 6.9.1. Overview

[Open in Workbench](#)

**AtgDynamoRoot:** *Location of the ATG Dynamo installation*

### 6.9.2. Design

#### Super Type

[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

### 6.9.3. Attributes

#### 6.9.3.1. Exported Attributes

Name	Property
atgDynamoRoot	settingValue

## 6.10. AtgJavaHome

### 6.10.1. Overview

[Open in Workbench](#)

**AtgJavaHome:** *Location of the Java installation*

### 6.10.2. Design

#### Super Type

[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

### 6.10.3. Attributes

#### 6.10.3.1. Exported Attributes

Name	Property
atgJavaHome	settingValue

## 6.11. AtgModuleBranch

### 6.11.1. Overview

[Open in Workbench](#)

**AtgModuleBranch:** *Branch name within the CVS repository (use TRUNK to indicate the main branch)*

### 6.11.2. Design

#### Super Type

[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

### 6.11.3. Attributes

#### 6.11.3.1. Exported Attributes

Name	Property
atgModuleBranch	settingValue

## 6.12. AtgModuleLabel

### 6.12.1. Overview

[Open in Workbench](#)

**AtgModuleLabel:** *Label within the CVS repository (use HEAD to select the latest sources)*

### 6.12.2. Design

**Super Type**

[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

### 6.12.3. Attributes

#### 6.12.3.1. Exported Attributes

Name	Property
atgModuleLabel	settingValue

## 6.13. AtgModuleName

### 6.13.1. Overview

[Open in Workbench](#)

**AtgModuleName:** *A module name within the CVS repository*

### 6.13.2. Design

**Super Type**

[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

### 6.13.3. Attributes

#### 6.13.3.1. Exported Attributes

Name	Property
atgModuleName	settingValue

## 6.14. AtgPath

### 6.14.1. Overview

[Open in Workbench](#)

**AtgPath:** Value to use for the PATH environment variable when executing system binaries

### 6.14.2. Design

#### Super Type

[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

### 6.14.3. Attributes

#### 6.14.3.1. Exported Attributes

Name	Property
atgPath	settingValue

## 6.15. AtgTarget

### 6.15.1. Overview

[Open in Workbench](#)

**AtgTarget:** Target used with a CVS module's top-level build file

### 6.15.2. Design

#### Super Type

[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

### 6.15.3. Attributes

#### 6.15.3.1. Exported Attributes

Name	Property
atgTarget	settingValue

## 6.16. AtgModulePackageType

### 6.16.1. Overview

[Open in Workbench](#)

**AtgModulePackageType:** *Package subtype package is imported as*

### 6.16.2. Design

#### Super Type

[AtgBuilderSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

### 6.16.3. Attributes

#### 6.16.3.1. Exported Attributes

Name	Property
packageType	settingValue